



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

HEX COACH SCREW



MATERIAL- STAINLESS STEEL

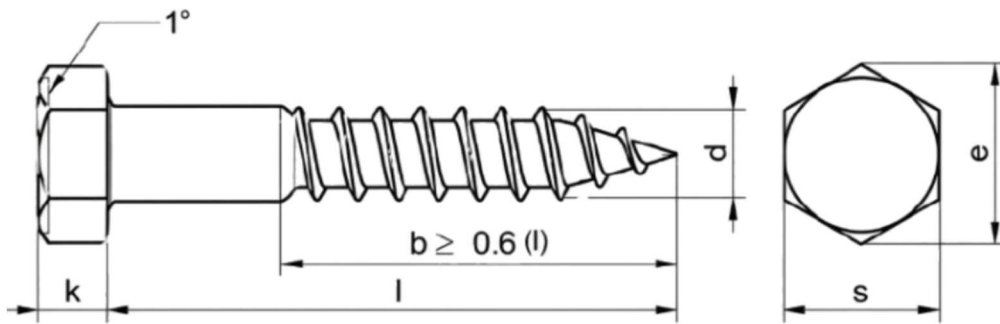
GRADE-SS316 (A4-70)

AS PER-DIN-571

CATALOGUE NO. R6D42

INSTALLATION GUIDE

- VERIFY THE HEX COACH SCREW SIZE, LENGTH, AND THREAD TYPE MATCH THE APPLICATION REQUIREMENT.
- INSPECT THE SCREW FOR THREAD DAMAGE, CORROSION, OR SURFACE DEFECTS BEFORE INSTALLATION.
- ENSURE THE MATERIAL TO BE FASTENED IS PROPERLY ALIGNED AND SECURELY POSITIONED.
- DRILL A PILOT HOLE OF THE RECOMMENDED DIAMETER AND DEPTH FOR THE SCREW SIZE.
- CLEAN THE PILOT HOLE TO REMOVE DUST, WOOD CHIPS, OR DEBRIS.
- POSITION THE HEX COACH SCREW AT THE DESIRED INSTALLATION LOCATION.
- USE A SUITABLE HEX SOCKET, SPANNER, OR WRENCH TO DRIVE THE SCREW.
- ROTATE THE SCREW CLOCKWISE WHILE MAINTAINING STRAIGHT ALIGNMENT.
- ALLOW THE COARSE THREADS TO CUT AND ENGAGE SECURELY INTO THE MATERIAL.
- CONTINUE TIGHTENING UNTIL THE HEAD SITS FIRMLY AGAINST THE MATING SURFACE OR WASHER.
- USE A WASHER WHERE REQUIRED TO IMPROVE LOAD DISTRIBUTION AND SURFACE PROTECTION.
- DO NOT OVERTIGHTEN, AS THIS MAY STRIP THE MATERIAL OR DAMAGE THE THREADS.
- VERIFY THAT THE SCREW IS FULLY SEATED AND PROVIDES ADEQUATE CLAMPING FORCE.
- CHECK THAT THE ASSEMBLED COMPONENTS ARE SECURE AND FREE FROM MOVEMENT.
- INSPECT THE FINAL INSTALLATION FOR PROPER SEATING, ALIGNMENT, AND STRUCTURAL STABILITY.



Dimension ↓ Dia →	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø16
d max	4.00	5.00	6.00	8.00	10.00	12.00	16.00
d min	3.52	4.52	5.52	7.42	9.42	11.30	15.30
s max	7.00	8.00	10.00	13.00	17.00	19.00	24.00
s min	6.64	7.64	9.64	12.57	16.57	18.48	23.16
k nom	2.80	3.50	4.00	5.50	7.00	8.00	10.00
e min	7.50	8.63	10.89	14.20	18.72	20.88	26.17

Quote the PART NUMBER given below with your order/ inquiries:

All Dimensions in mm

Dia → Length ↓	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø16
16	R6D4204016	R6D425016	R6D4206016				
20	R6D4204020	R6D4205020	R6D4206020				
25	R6D4204025	R6D4205025	R6D4206025	R6D4208025	R6D4210025		
30	R6D4204030	R6D4205030	R6D4206030	R6D4208030	R6D4210030		
35	R6D4204035	R6D4205035	R6D4206035	R6D4208035	R6D4210035		
40	R6D4204040	R6D4205040	R6D4206040	R6D4208040	R6D4210040	R6D4212040	
50	R6D4204050	R6D4205050	R6D4206050	R6D4208050	R6D4210050	R6D4212050	R6D4216050
60		R6D4205060	R6D4206060	R6D4208060	R6D4210060	R6D4212060	R6D4216060
75		R6D4205075	R6D4206075	R6D4208075	R6D4210075	R6D4212075	R6D4216075
80		R6D4205080	R6D4206080	R6D4208080	R6D4210080	R6D4212080	R6D4216080
90		R6D4205090	R6D4206090	R6D4208090	R6D4210090	R6D4212090	R6D4216090
100		R6D4205100	R6D4206100	R6D4208100	R6D4210100	R6D4212100	R6D4216100
110		R6D4205110	R6D4206110	R6D4208110	R6D4210110	R6D4212110	R6D4216110
125		R6D4205125	R6D4206125	R6D4208125	R6D4210125	R6D4212125	R6D4216125
150		R6D4205150	R6D4206150	R6D4208150	R6D4210150	R6D4212150	R6D4216150

Sizes in BLUE are non-preferred. Availability is limited and MOQ is applied

Data is strictly informative

Note: All Austenitic Stainless-Steel Fasteners may exhibit some Magnetic Properties due to the Manufacturing Process.

Refer: ISO 3506-2 Annex F